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## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/782,816

Source: OIP/E

Date Processed by STIC: 6/19/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

# Raw Sequence Listing Error Summary

## ERROR DETECTED    SUGGESTED CORRECTION

SERIAL NUMBER: 09/782,816

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics    The number/text at the end of each line "wrapped" down to the next line. This may occur if your file  
     Wrapped Aminos    was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will  
     prevent "wrapping."
- 2      Invalid Line Length    The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino    The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers;  
     Numbering    use space characters, instead.
- 4      Non-ASCII    The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please  
     ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length    Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules,  
     each n or Xaa can only represent a single residue. Please present the maximum number of each  
     residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0    A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid  
     "bug"    sequences(s)     . Normally, PatentIn would automatically generate this section from the  
     previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to  
     the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for  
     Artificial or Unknown sequences.
- 7      Skipped Sequences    Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
     (OLD RULES)    (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
     (i)    SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
     (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
     This sequence is intentionally skipped  
     Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences    Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
     (NEW RULES)    <210> sequence id number  
     <400> sequence id number  
     000
- 9      Use of n's or Xaa's    Use of n's and/or Xaa's have been detected in the Sequence Listing.  
     (NEW RULES)    Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
     In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10      Invalid <213>    Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or  
     Response    scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or  
     is Artificial Sequence
- 11      Use of <220>    Sequence(s)      missing the <220> "Feature" and associated numeric identifiers and responses.  
     Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or  
     "Unknown." Please explain source of genetic material in <220> to <223> section.  
     (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0    Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,  
     "bug"    resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence  
     listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/782,816

DATE: 06/19/2001

TIME: 12:05:17

Input Set : A:\PTO.txt

Output Set: N:\CRF3\06192001\I782816.raw

Does Not Comply  
Corrected Diskette Needed

4 <110> APPLICANT: Sharp, David J.  
 5 Rogers, Gregory C.  
 6 Scholey, Jonathon M.  
 8 <120> TITLE OF INVENTION: PEPTIDE INHIBITORS OF CELLULAR  
 9 PROLIFERATION  
 11 <130> FILE REFERENCE: UC069.001A  
 13 <140> CURRENT APPLICATION NUMBER: 09/782,816  
 C--> 14 <141> CURRENT FILING DATE: 2001-06-04  
 16 <160> NUMBER OF SEQ ID NOS: 56  
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

898 <210> SEQ ID NO: 56  
 899 <211> LENGTH: 380  
 900 <212> TYPE: PRT  
 901 <213> ORGANISM: Drosophila melanogaster  
 903 <400> SEQUENCE: 56

*see next page*

904	Met	Ala	Asp	Pro	Lys	Phe	Gln	Asn	Leu	Pro	Gly	Ile	Ala	Tyr	Asp	Gln
905	1				5					10					15	
906	Pro	Asp	Val	Tyr	Glu	Thr	Pro	Asp	Asp	Pro	Glu	Leu	Asp	Thr	Ser	Asp
907				20					25					30		
908	Tyr	Tyr	Glu	Glu	Pro	Glu	Asn	Glu	Ala	Ile	Glu	Arg	Leu	His	Ile	
909			35				40					45				
910	Ser	Pro	Ser	Val	Ala	His	Lys	Arg	Phe	Ser	Gly	Ala	Thr	Val	Glu	Gly
911		50					55				60					
912	Ser	Val	Asp	Phe	Thr	Asp	Arg	Ile	Gly	Arg	Arg	Met	Cys	Arg	Gly	Tyr
913	65					70				75					80	
914	Asp	Thr	Arg	Gly	Ser	Ser	Asp	Tyr	Glu	Leu	Val	Gly	Gln	Gly	Glu	Lys
915				85					90					95		
916	Glu	Thr	Pro	Val	Gln	Lys	Cys	Gln	Arg	Leu	Gln	Ile	Glu	Met	Asn	Glu
917			100						105				110			
918	Leu	Leu	Asn	Glu	Val	Ala	Ala	Leu	Gln	Val	Asp	Arg	Lys	Val	Ala	Asp
919			115					120					125			
920	Glu	Glu	Lys	Gln	Ser	Tyr	Asp	Ala	Val	Ala	Thr	Val	Ile	Ser	Thr	Ala
921		130					135				140					
922	Arg	Lys	Val	Leu	Glu	Ser	Leu	Lys	Leu	Glu	Gln	Val	Leu	Gly	Lys	Glu
923	145				150					155					160	
924	Gln	Thr	Pro	Gly	Ser	Lys	Gln	Val	Lys	Ala	Leu	Ile	Ser	Gln	Val	Glu
925				165					170					175		
926	Glu	Phe	Lys	Gln	Ser	Gly	Val	Leu	Thr	Ala	Ile	Pro	Thr	Pro	Gly	Thr
927			180					185						190		
928	Asp	Leu	Ala	Ala	Thr	Ala	Arg	Val	Ala	Ser	Leu	Glu	Gln	Arg	Ile	Ser
929		195					200					205				
930	Gln	Leu	Glu	Lys	Val	Leu	Gly	Ala	Gln	Pro	Asp	Lys	Leu	Ser	Arg	Leu
931		210					215					220				

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PATENT APPLICATION: US/09/782,816

DATE: 06/19/2001

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Input Set : A:\PTO.txt

Output Set: N:\CRF3\06192001\I782816.raw

932 Thr Ala Ala Thr Asn Thr Thr Asn Val Leu Glu Ala Val Arg His Leu  
933 225 230 235 240  
934 Ser Thr Lys Ala Ala Leu Ile Gln Pro Asp Lys Leu Asp Thr Ile Glu  
935 245 250 255  
936 Gln Arg Leu Thr Ser Leu Ala Gly Lys Met Asp Ala Ile Ala Glu Lys  
937 260 265 270  
938 Ser Ser Gly Ser Ala Gln Asp Ala Lys Arg Asp Gln Lys Ile Thr Glu  
939 275 280 285  
940 Leu Tyr Asp Ile Ala Lys Arg Thr Glu Pro Val Val Glu Ile Leu Pro  
941 290 295 300  
942 His Val Ile Glu Arg Met Gln Ala Leu Glu Ala Leu His Lys Tyr Ala  
943 305 310 315 320  
944 Asn Asn Phe Ala Lys Ile Ile Ala Glu Ile Glu Gln Lys Gln Gly Thr  
945 325 330 335  
946 Ile Thr Thr Ser Leu Val Asn Asn Lys Glu Leu Leu His Ser Val Gln  
947 340 345 350  
948 Glu Thr Phe Ala Gln Asn Leu Glu Thr Ile Asn Ser Lys Val Ala Lys  
949 355 360 365  
950 Val Glu Gln Arg Val Ala Ala Ile Ser Ser Ala Lys  
951 370 375 380

E--&gt; 953 W:\DOCS\BGY\SEQUENCE LISTING\UC Sequences\UC069.001A.doc

E--&gt; 954 051801

E--&gt; 955 1

E--&gt; 957 1

*delete start of file*

*see following pages for more errors*